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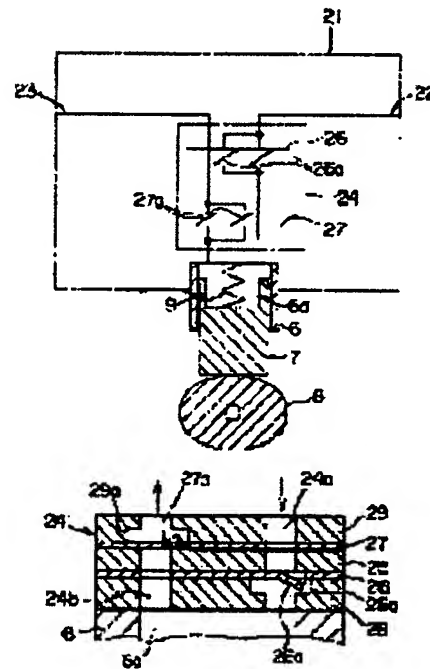
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(54) FUEL SUPPLY PUMP

(57)Abstract:

PROBLEM TO BE SOLVED: To make the whole size of a fuel supply pump compact while securing the discharge amount of fuel required upon the start-up of engine by dividing a reed valve into two first and second units, and providing the first unit with an intake side movable valve element opening and closing an intake passage and the second unit with a discharge side movable valve element opening and closing a discharge passage.

SOLUTION: A valve lamination body 24 opening and closing an intake passage 22 and a discharge passage 23 and being installed in a pump body 21 with a plunger 7 sliding reciprocally with the rotation of a cam 8 has first and second reed valves 26, 27 connected to both surfaces of a valve plate 25. The first reed valve 26 is provided with two intake side movable valve elements 26a and two discharge holes 24b while the second reed valve 27 is provided with two intake holes 24a and two discharge side movable valve elements 27a. Accordingly, without increasing the outer diameter of the body 24, two sets of the elements 26a, 27a can be provided, whereby a conventional bypass valve is dispensed to simplify a fuel passage in the body 21.



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